

CLAIMS

1. (original) A SiC accelerometer comprising a proof mass and an ohmic contact, and said ohmic contact comprises layers of Titanium, Tantalum Disilicide, and Platinum.

2. (original) A SiC accelerometer as claimed in claim 1 further comprising a substrate and a bridge, and wherein said bridge interconnects said proof mass and said substrate.

3. (original) A SiC accelerometer as claimed in claim 2 wherein said bridge includes an n-type SiC epilayer.

4. – 44. (canceled)

45. (original) An accelerometer comprising a proof mass and an ohmic contact, said ohmic contact comprises layers of Titanium, Tantalum Disilicide, and Platinum, a bridge and a substrate, said bridge interconnects said proof mass and said substrate, said bridge includes an epilayer, and, said substrate is selected from the group of SiC, AlN, BC, and

46. (original) An accelerometer as claimed in claim 45 wherein said substrate is n-type.

47. (original) An accelerometer as claimed in claim 45 wherein said substrate is p-type.

48. (canceled)